

**The Joint BECON/BISTIC Symposium 2004**  
**Biomedical Informatics for Clinical Decision Support:**  
**A Vision for the 21st Century**

**NIH Natcher Conference Center, Bethesda, Maryland**  
**June 21-22, 2004**

***Final Agenda***

*External Co-Chairs: Ruzena Bajcsy, PhD (UC-Berkeley) and Mike Vannier, MD (U Chicago)*  
*NIH Co-Chairs: Laurence Clark, PhD (NCI) and Peter Lyster, PhD (NIBIB)*  
*Organizational C-Chairs: Mollie Sourwine (NIBIB) and Anna Retzke (NIBIB)*

**Monday, June 21**

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8:00 – 8:15 AM	<b>Opening Remarks</b>
8:15 – 8:45 AM	<b>Roadmap Presentation:</b> <i>Stephen I. Katz (NIAMS)</i>
<b>Track 1</b>	<b>Clinician Decision-Making: Statement of the Problem</b>
8:45 – 9:15 AM	Cardiac Perspective: <i>Pedro Del Nido (Children's Hospital, Boston)</i>
9:15 – 9:45 AM	Cancer Perspective: <i>Laura Esserman (UCSF)</i>
9:45 – 10:15 AM	Integrating Biomedical Informatics: <i>Ted Shortliffe (Columbia)</i>
10:15 – 10:45 AM	<b>Track 1 Discussion Panel</b>
	Moderator: <i>Michael Vannier</i>
	Members: <i>Ruzena Bajcsy, Laura Esserman, Pedro Del Nido, Ted Shortliffe</i>
10:45 – 11:00 AM	Break
<b>Track 2</b>	<b>Data Management: Databases &amp; Digital Libraries</b>
11:00 – 11:15 AM	Computer Science and Industry Perspective: <i>Carol Kovac (IBM Life Sciences)</i>
11:15 – 11:45 AM	Biomedical Imaging Perspective: <i>Maryellen Giger (U Chicago)</i>
11:45 – 12:00 PM	The Clinical Research and Regulatory Perspective: <i>Wayne Kubick (Lincoln Technologies, Inc.)</i>
12:00 – 1:00 PM	Lunch
<b>Track 3</b>	<b>Enabling Technologies: Modeling, Software Tools, &amp; Techniques</b>
1:00 – 1:30 PM	Cardiac: Physiological Modeling Perspective: <i>Jim Bassingthwaighte (U Washington)</i>
1:30 – 2:00 PM	Lung Cancer Imaging: Software Tools Perspective: <i>Ricardo Avila (GE)</i>
2:00 – 2:30 PM	Genomics and Proteomics: Software Tools Perspective: <i>Isaac Kohane (Harvard Medical School)</i>
2:30 – 3:00 PM	<b>Track 2 &amp; 3 Discussion Panel</b>
	Moderator: <i>Ruzena Bajcsy.</i>
	Members: <i>Michael Vannier, Carol Kovac, Maryellen Giger, Jim Bassingthwaighte, Ricardo Avila, Wayne Kubick</i>
3:00 – 3:15PM	Break

8/6/2004

<b>Breakout Sessions</b> 3:15 – 5:00 PM	<b>Short Term Recommendations: less than 5 years</b>  <b>Breakout Session 1:</b> <b>Clinical Challenges and Related Software/Informatics Requirements</b> Moderator: <i>Ted Shortliffe (Columbia)</i>  <b>Breakout Session 2:</b> <b>Databases as Required for Assessment and Application of Software Tools</b> Moderator: <i>Maryellen Giger (U Chicago)</i>  <b>Breakout Session 3:</b> <b>Software Tools for Modeling, Data Analysis, Data Integration, &amp; Work Flow</b> Moderator: <i>Jim Bassingthwaighte (U Washington)</i>
5:00 – 6:30 PM	<b>Poster Session and Reception</b>

## **Tuesday, June 22**

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<b>Keynote Session</b> 8:00 – 8:30 AM 8:30 – 9:00 AM	<b>Translational Informatics Requirements: Genome Through the Phenotype</b> Informatics Infrastructure: NIH perspective: <i>Ken Buetow (NCI)</i> Molecular Biology Perspective: <i>Aravinda Chakravarti (Johns Hopkins U)</i>
<b>Breakout Sessions</b> 9:00 – 10:30 AM	<b>Long Term Recommendations and Potential Barriers</b>  <b>Breakout Session 1:</b> <b>Clinical Challenges and Related Software/Informatics Requirements</b> Moderator: <i>Ted Shortliffe (Columbia)</i>  <b>Breakout Session 2:</b> <b>Databases as Required for Assessment and Application of Software Tools</b> Moderator: <i>Maryellen Giger (U Chicago)</i>  <b>Breakout Session 3:</b> <b>Software Tools for Modeling, Data Analysis, Data Integration, &amp; Work Flow</b> Moderator: <i>Jim Bassingthwaighte (U Washington)</i>
10:30 – 11:00 AM	Break
<b>Summary of Recommendations and Discussion</b> 11:00 – 11:45 PM 11:45 – 12:15 PM 12:25 – 12:30 PM	Breakout Session Moderators Discussion External Co-Chairs Summary
12:30 PM	<b>Symposium Adjourns</b>
<b>Satellite Meetings</b> 2:00 – 3:30 PM	<b>NIH Funding Opportunities Workshop</b>
2:00 – 3:30 PM	<b>Using Semantic Standards to Integrate Biomedical Imaging into Clinical Decision-Making</b>
1:50 – 5:00 PM	<b>Public Private Partnerships: Potential Means to Support Biomedical Informatics Resources</b>